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TCS - 2042 - 63
COPY 20

7 August 1963

MEMORANDUM FOR: TALENT Control Officer, DIA
TALENT Control Officer, CIA
TALENT Control Officer, Army
TALENT Control Officer, Navy
TALENT Control Officer, USAF
TALENT Control Officer, NSA
TALENT Control Officer, DDI/CIA

SUBJECT: P.I. Evaluation of [] Photography 25X1

REFERENCE: A. Project P-489-63 (DIAXX Requirement No. 63-85) dated 1 August 1963
B. TCS-1920-63, dated 24 July 1963, subject Evaluation of [] Photography 25X1

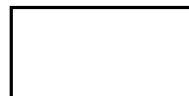
25X1 1. Attached is an NPIC evaluation on the [] 25X1
25X1 photography of [] prepared in response to reference

25X1 A. The quality evaluation of this photography is generally similar
25X1 to that prepared on the [] photography as reported in
reference B.

[] 25X1
Assistant for Operations, NPIC

Declass Review by NIMA/DOD

25X1



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25X1

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

EVALUATION OF [] PHOTOGRAPHY

INTRODUCTION

25X1

The following PI analysis and evaluation is based on []
[] photography dated [] and forwarded to
NPIC in the form of 12 enlarged prints covering 7 areas of
activity, which constitutes an extremely limited portion of the
Sino-Indian border. TALENT Mission [] was
used in comparison with 6 of the 7 areas of activity. The
seventh area (Print 1) was not covered by Mission [] Mission
[] provided only far oblique coverage of items imaged on Print
7; therefore, [] coverage of [] was utilized for compara-
tive purposes.

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Due to the relative inaccuracy of maps covering the area,
all coordinates in this report are approximate. AMS Series
L500, Sheet NH46-14, 1st ed, May 56, was used for determination
of geographic coordinates for reported items on Print 6. AMS
Series U502, Sheet NG46-2, 1st ed, Jul 61, was used for all
other reported items.

PHOTOGRAPHIC EVALUATION

PRINT 1. CHINESE POST 2 MILES NE OF KHENZEMANE (2746N 09147E)

This activity is not covered on photography of []
and cannot be evaluated on the [] photography due to extremely
low resolution of the photography. Areas annotated on the print
as barracks, stores and dump appear to include several unidenti-
fied buildings and numerous unidentified objects.

25X1

PRINT 2. MARMANG CAMP, STORAGE AND DEFENSE AREA (2755N 09150E)

The Marmang area, covered on [] but not reported in
NPIC/R-7/63, shows no apparent change in the camp and storage
areas. The [] reported defense/bunker area is only partially
visible on [] photography due to obliquity and dense
foliage. Although activity is indicated in this area on the
[] photography, confirmation of [] analysis cannot be
made from either coverage.

25X1

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PRINTS 3A, B, C, D, E & F. TSONA DZONG-MARMANG AREA
(2746N 09150E)

These 6 photographs cover a section of the graded highway
between Marmang and Tsona Dzong.

25X1

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25X1 A comparison with TALENT photography of [] reveals 25X1
little change. Two vehicles were observed on [] and 30
vehicles on [] 25X1

25X1 Small groups of buildings of generally similar appearance
located in this area are variously identified by [] interpreters 25X1
as storage or accommodations. Whether these structures are
civilian or military, storage or housing cannot be determined
from either the TALENT or [] photography. In other areas
which are annotated stores and dumps, track activity is readily
apparent, but heavy foliage and poor image quality preclude con-
firmation.

The activity annotated on Print 3C as "dispersed huts" and
on Print 3B as "storage and accommodations" also cannot be con-
firmed. Similarly, the activity annotated on Print 3D as
"accommodations" and on Print 3C as "storage and dump" cannot be
confirmed.

PRINT 4. TSONA DZONG (2759N 09157E)

The following changes are observed since [] 25X1
(note: town was erroneously reported as abandoned and in ruins
in NPIC/R-7/63):

Two closely associated vehicle parks with a concentration
of 30 trucks.

A moderate quantity of unidentified material located in 3
newly developed open-storage areas.

A new road/track network which interconnects the vehicle
parks and storage areas.

Two additional trucks noted in SW storage area.

25X1 Activity noted on [] consists of 2 trucks, a small
amount of unidentified material, and minor ground scarring at
the then undeveloped and western-most open-storage area.

The above analysis is in general agreement with [] 25X1
annotations.

PRINT 5. CAMP AND STORAGE AREA 2 MILES EAST OF TZONA DZONG
(2758N 09159E)

25X1 A comparison of the [] photography with photography
from [] shows several changes in the area. Changes noted
are as follows:

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Three new storage-type buildings in varying stages of construction are situated just north of the village. A small building has been added to the previous barracks/administration area.

Several tents/huts visible in the vehicle park area on [] cannot be identified on the [] photography. Fifteen to twenty vehicles are apparent on the [] photography as opposed to 5 vehicles on []

PRINT 6. CAMP & STORAGE DUMP 5 MILES NE OF TSONA DZONG
(2800N 09201E)

NPIC analysis, which is in general agreement with [] annotations, is as follows:

Activity is situated near 2 small villages, along the east and west sides of the highway from Tsona Dzong. It comprises approximately 40 to 45 probable pyramidal tents arranged in 6 groups, at least 6 trucks and 8 other unidentified vehicles, probable POL drum storage, and a moderate quantity of dispersed unidentified material in open storage.

No activity was observed in this area on photography of []

PRINT 7. SHAO CHINESE POST (2746N 09155E)

This area is covered by [] photography, but extreme obliquity precludes interpretation or comparison with [] photography. However, a comparison of Print 7 from [] photography of [] with Print 34 from [] photography of [] reveals the following changes:

A new tent camp, 1,000 yards west of Shao Chinese Post, comprises approximately 55 tents and a moderate amount of unidentified material in open storage arranged in 3 groups. The camp area is enclosed by a new wire fence which is in part a double fence. Defensive positions located on the east edge of the tent camp are observed on the photography of [] and show minor improvement on [] coverage.

The [] photography is annotated to show the Shao Chinese Post as consisting of an entrenched strongpoint located just east of the Tsona Dzong-Bumla Road and 2 small villages.

NPIC analysis is in general agreement with [] annotations.

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CONCLUSIONS

Suitability for photographic interpretation of the [] photography, as provided, is poor. The photography appears to have been enlarged beyond its maximum and/or is degraded through several generations of reproduction and possibly poor copy work. Considerable degradation is noted around the edges.

25X1

NPIC interpretation of individual targets, in many cases, is in general agreement with the [] interpretation. However, some annotations indicating storage or housing accommodations appear to be ambiguous in as much as other building areas imaged on the same photo and appearing identical in configuration are not so annotated. Photo quality also precludes positive confirmation, in most instances, of [] annotations.

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The [] analysis, as reflected in the annotations, makes no attempt to differentiate between activity which is new or which was apparent some months previous. However, comparative TALENT coverage of [] confirms that several of the installations noted (e.g., barracks, active storage areas) were present at least 7 months prior to the [] photo coverage.

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